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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	09/954,586
Filing Date	September 11, 2001
First Named Inventor	CUNNINGHAM et al.
Group Art Unit	1634
Examiner Name	Goldberg, J.
Attorney Docket Number	GP116-03.UT

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
gy		CAI et al., "C. parvum ribosomal RNA gene for 18S rRNA (pCPA911)", DATABASE NCBI 'Onlinel, June 1993, Accession No. X64340	
		CAI et al., "PCR cloning and nucleotide sequence determination of the 18S rRNA genes and internal transcribed spacer 1 of the protozoan parasites <i>Cryptosporidium parvum</i> and <i>Cryptosporidium muris</i> ", <i>Biochim Biophys Acta.</i> , July 1992, 1131(3):317-20	
		DEERE et al., "Evaluation of fluorochromes for flow cytometric detection of <i>Cryptosporidium parvum</i> oocysts labelled by fluorescent in situ hybridization", <i>Let Appl Microbiol.</i> , Dec. 1998, 27(6):352-6	
		DENG et al., "Immunomagnetic Capture PCR To Detect Viable <i>Cryptosporidium parvum</i> Oocysts from Environmental Samples", <i>Appl Environ Microbiol.</i> , Aug. 1997, 63(8):3134-8	
		HALLIER-SOULIER et al., "An immunomagnetic separation polymerase chain reaction assay for rapid and ultra-sensitive detection of <i>Cryptosporidium parvum</i> in drinking water", <i>FEMS Microbiol Lett.</i> , July 1999, 176(2):285-9	
		LABERGE et al., "Detection of <i>Cryptosporidium parvum</i> in Raw Milk by PCR and Oligonucleotide Probe Hybridization", <i>Appl Environ Microbiol.</i> , Sept. 1996, 62(9):3259-64	
		LINDQUIST, "Probes for the Specific Detection of <i>Cryptosporidium parvum</i> ", <i>Wat Res.</i> , 1997, 31(10):2668-71	
		PIENIAZEK et al., " <i>Cryptosporidium parvum</i> 18S ribosomal RNA gene, complete", DATABASE NCBI 'Onlinel, March 1996, Accession No. L16996	
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Examiner
Signature

J. Goldberg

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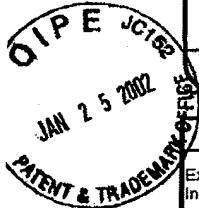
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Sheet 1 of 4

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Application Number 09/954,586
Filing Date September 11, 2001
First Named Inventor CUNNINGHAM et al.
Group Art Unit To be assigned 1634
Examiner Name To be assigned Goldberg
Attorney Docket Number GP116-03.UT



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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		4851330	A	Kohne	07-25-1989	
		5030557	A	Hogan et al.	07-09-1991	
		5399491	A	Kacian et al.	03-21-1995	
		5539082	A	Nielsen et al.	07-23-1996	
		5556774	A	Wiedenmann et al.	09-17-1996	
		5591434	A	Jenkins et al.	01-07-1997	
		5690825	A	Parton	11-25-1997	
		5693472	A	Steele et al.	12-02-1997	
		5770368	A	De Leon et al.	06-23-1998	
		5789190	A	Crabb et al.	08-04-1998	
		5820767	A	Kane et al.	10-13-1998	
		5840488	A	Hogan	11-24-1998	
		5925517	A	Tyagi et al.	07-20-1999	
		6054279	A	Nadeau et al.	04-25-2000	
		6130038	A	Becker et al.	10-10-2000	
		6146838	A	Williams et al.	11-14-2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0652974	B1	Minister of Agr., Fisheries & Food of the U.K.	05-17-1995		
		WO	9402635	A1	Minister of Agr., Fisheries & Food of the U.K.	02-03-1994		
		WO	9404681	A1	Institute Supérieure Di Sarila et al.	03-03-1994		
		WO	9634978	A1	Mac-Quarie Research Limited et al.	11-07-1996		
		WO	9640926	A2	The Board of Regents of the University of Oklahoma	12-19-1996		
		WO	9702281	A1	Murdoch University	01-23-1997		
		WO	9703362	A1	Immucell Corporation	01-30-1997		
		WO	9708204	A1	MacQuerie Research Ltd et al.	03-06-1997		
		WO	9742349	A1	Metropolitan Water District of Southern California	11-13-1997		
		WO	9804675	A2	Pall Corporation	02-05-1998		

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First Named Inventor	CUNNINGHAM et al.
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Examiner Name	To be assigned
Attorney Docket Number	GP116-03.UT

(use as many sheets as necessary)

Sheet	2	of	4
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Attorney Docket Number	GP116-03.UT
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F. Goldberg

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **3** of **4**

Complete if Known

Application Number	09/954,586
Filing Date	September 11, 2001
First Named Inventor	CUNNINGHAM et al.
Group Art Unit	To be assigned 1634
Examiner Name	To be assigned Goldberg
Attorney Docket Number	GP116-03.UT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
↓		AWAD-EL-KARIEM et al., "Detection and species identification of Cryptosporidium oocysts using a system based on PCR and endonuclease restriction", Parasitology, July 1994, p. 19-22, vol. 109, Cambridge University Press, UK	
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↓		CARRAWAY et al., "Genetic Markers Differentiate C. parvum Isolates", J. Eukaryot. Microbiol., Sept.-Oct. 1994, p. 26S, vol. 41, no. 5, Allen Press Inc., US	
↓		CHRISP et al., "Similarities and differences between DNA of cryptosporidium parvum and C. wrairi detected by the polymerase chain reaction", Folia Parasitol., 1994, p. 97-100, vol. 41, no. 2, Czech Academy of Sciences, CZ	
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↓		MARSH et al., "Sequence Analysis and Comparison of Ribosomal DNA From Bovine Neospora to Similar Coccidial Parasites", J. Parasitol., Aug. 1995, p. 530-535, vol. 81, no. 4, American Society of Parasitologists, US	
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		Filing Date	September 11, 2001		
		First Named Inventor	CUNNINGHAM et al.		
		Group Art Unit	To be assigned 1634		
		Examiner Name	To be assigned Goldberg		
Sheet	4	of	4	Attorney Docket Number	GP116-03.UT

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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dy		MORGAN et al., "Phylogenetic Analysis of Cryptosporidium Isolates from Captive Reptiles Using 18S rDNA Sequence Data and Random Amplified Polymorphic DNA Analysis", J. Parasitol., June 1999, p. 525-530, vol. 85, no. 3, American Society of Parasitologists, US	
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		WEBSTER et al., "Detection of Cryptosporidium parvum using a specific polymerase chain reaction" Vet. Parasitol., Oct. 1993, p. 35-44, vol. 50, no. 1-2, Elsevier Science Publishers BV, NE	
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		ZHU et al., "Direct Isolation of DNA from Patient Stools for Polymerase Chain Reaction Detection of Cryptosporidium parvum", J. Infect. Dis., May 1998, p. 1443-1446, vol. 177, no. 5, University of Chicago Press, US	

Examiner Signature	<i>J. Goldberg</i>	Date Considered	6/26/03
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